

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 6, lines 14 through 22 with the following amended paragraph.

In certain embodiments, extraction capillaries of the invention are used to extract and/or process multi-protein complexes. In some embodiments, multi-protein complex is adsorbed to the extraction surface and desorbed under conditions such that the integrity of the complex is retained throughout. In another embodiment, the extraction capillaries of the invention can be used as a tool to analyze the nature of the complex. For example, the protein complex is desorbed to the extraction surface, and the state of the complex is then monitored as a function of solvent variation. In one embodiment, a series of two or more desorption solvents is used sequentially, and the eluent is monitored to determine which protein constituents come off in a particular solvent.

Please replace the paragraph on page 55, lines 8 through 14 with the following amended paragraph.

Note that in many cases the elution of a protein will not be a simple on-off process. That is, some desorption buffers will result in only partial release of analyte. The composition of the desorption buffer can be optimized for the desired outcome, e.g., complete or near complete elution. Alternatively, when step elution is employed two or more successive steps in the elution might result in incremental elution of fraction of an analyte. These incremental partial elution can be useful in characterizing the analyte, e.g., in the analysis of a multi-protein complex as described below.